

**Richard Reynolds, Chairman
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March 12, 2005

**State of Idaho
Department of Water Resources
1301 North Orchard Street
P.O. Box 83720
Boise, Idaho 83720-0098**

Re: Distribution of Water for District 34

Dear Mr. Spackman:

According to Rule 10 of IDAPA 37.03.12, Definitions, Storage Water is "Water impounded in a storage facility, including the Mackay Reservoir, pursuant to a water right which includes storage as a purpose of use." Is there a difference between the "impounded" water discussed in these rules, and the "Storage Water Rights" of the Big Lost River Irrigation District?

Does IDWR control the method of shrinkage used for the "Storage Water Rights" held by BLRID or is that decision left to the Board of Directors of the district? The current manager contends that Rule 040.03.b implies all water stored in the Mackay Reservoir should be charged shrinkage according to "river reaches" rather than "universal shrinkage". At a meeting in your office earlier this year, I understood this rule was for "purposes of quantifying river gains, losses, and calculating and accounting for natural flow".

Should more water than is actually decreed be sent out the canals during the off season for stock water? The last few years, from the time the "futile call" is made until the canals freeze, all the natural flow is diverted out the canals above the Blaine Diversion rather than flowing down the river for senior stock water or for "recharge" of the lower basin.

Your response would be greatly appreciated before the next board meeting, April 5, 2005. Thank you.

Sincerely,

*Rick Reynolds
by Nancy McDonal*

If you will divide the old level of 38,405 by the amount allocated on the cards it will show you that 15% is built in for shrink. Or that only 85% of the 38,405 was allocated.

If you divide the adjusted full level of 43,841 AF by the same cards you will see that the cards show an allocation of 74% or that 26% was used for shrink.

That is the total shrink allocation built in on a full to 43,841 AF reservoir- Not the 15% plus the 26% but rather a total shrink factor of 26%.

According to a chart by George Austigny, that 26% is for evaporation, and does come out pretty close (on Geo.'s chart of evaporation).

The shrink in 1992 was estimated including that 26% for a total shrink of 52%, the cards were only allocated 15,588 AF for a reservoir which stated it was 31,177 on May 1st but in actuality when the season started on decrees May 11, there was only 29,471 in Reservoir contents. which was shrink of 53%.

Gentlemen:

Per your request the following information is submitted:

Canal	Total Storage inches
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3 & 1	33,702
Angelo	10,630
Arco	53,767
B & J	16,306
Beck	4,819
Darlington	65,012
Eastside	69,241
Harris /Vaught	19,339
Island	57,206
Island/eastside	6,910
Lower Pass Cr.	1,732
McGown	19,679
McLaughlin	5,089
Middle	19,751
Miller	4,075
Moore	111,719
Munsey	47,798
Sharp	2,166
Streeter	3,888
Sutter	12,163
Swauger	15,597
Upper Burnett	149,489
Westside	84,386

These are the allocations of 1936 and reflect what is on our records

for the old level which is 38,405 AF

If the reservoir has filled above

38,405 AF on May 1st the amounts

indicated have been increased by

the percentage of increase.

(ie) A full reservoir would increase

these amounts by 7%. This is how this

has always been done (to my knowledge)

since 1936.

The problem with changing this is that

all records recorded for mortgage or

FmlHA (I assume) would then be incorrect.



Total

814,464 miners inches

16,289 CFS

32,578 AF